

## **EPM-SL-90/EPM-TL-93**

### ***EPOXY SLURRY MORTAR (SELF-LEVELLING/TROWEL GRADE)***

#### **DESCRIPTION:**

EPM-SL-90/EPM-TL-93 are epoxy slurry mortars available in different grades, mainly being self-levelling and trowel grade respectively. The self-levelling mortar is usually used for floor topping, cavity fillings, beddings etc. , whereas the trowel grade is used for vertical surfaces.

#### **ADVANTAGES:**

- ✓ It has excellent abrasion resistance
- ✓ Resistant to acids and chemicals
- ✓ Does not crack, chip or dust
- ✓ Pre-packed and therefore easy to mix and use
- ✓ 5 times stronger than concrete
- ✓ Resistant to high temperatures

#### **AREAS OF APPLICATION:**

Epoxy slurry mortar can be used in vertical column repairing, honeycomb problems in RCC, foundations of heavy vibrating machinery, fixing bearings, repair of cavities, fixing of acid proof tiles in chemical plants, any concrete structure repair such as tanks, pipes, roads, airport runways etc.

#### **SPECIFICATIONS:**

PRODUCT	EPM-SL-90	EPM-TL-93
Colour	Grey	Grey
System	2 component (Resin: Hardener, 90:10 by weight)	2 component (Resin: Hardener, 93:7 by weight)
Compressive Strength	950 kg/cm <sup>2</sup>	1250 kg/cm <sup>2</sup>
Drying time @ 30°C :		
Surface Dry		
Hard Dry		
Full Cure		
Flexural strength	105 kg/cm <sup>2</sup>	250 kg/cm <sup>2</sup>
Shrinkage	<0.5%	<0.5%
Abrasion Resistance	Excellent	Excellent
Temperature Resistance	140°C -150°C	140°C -150°C
Pot life 30°C	1 Hour	1 Hour
Coverage	6 sq.ft./mm	4 sq.ft./kg

**PREPARATION:**

Clean the surface of all loose particles, dust, oil and grease. Ensure that freshly applied concrete is cured for 28 days.

**METHOD OF APPLICATION:**

After surface is fully prepared for application, apply 1 coat of EpoxyBond-600 and let it dry for 2-3 Hours. Mix the hardener into the resin provided in the pre-packed ratios. Mix thoroughly. Do not mix large quantity and keep for long time as material might gel.

For EPM-SL-90, pour the mix on to the prepared surface and lightly guide the mixture till it levels fully

For EPM-TL-93, pour the material on to the desired surfaces and level with a trowel or putty knife. For excellent finish, dip the trowel in pine oil or mineral turpentine. Also make sure that the finishing is done in one direction with the trowel.

**CLEANING OF TOOLS:**

Clean the tools, hands, brush with soap and warm water/ **EPOXYTHIN**.

**SAFETY PRECAUTIONS:**

Keep away from naked flames/lights. Do not smoke near application area. Protective gear such as gloves and goggles should be worn when handling the product. Treat any splashes to the skin or eyes with fresh water immediately. Should the product be accidentally swallowed, do not encourage vomiting, but call for immediate medical assistance. Ensure that the container is available for medical attendant to examine any relevant instructions and content details.

**PACKING:**

Available in 5 & 25 Kgs.

**WARRANTY CLAUSE:** *The product incorporated and sold is without Warranty expressed or implied, including warranty of Merchantability and fitness for use of this material and upon condition that purchaser shall make the own test to determine the suitability and quality of such products for their particular purpose. The user assumes all risks of use and handling, whether or not in accordance with any statement of the supplier. Supplier's liability if any, for any action arising out of the material being supplied shall be limited to only replacement of material.*